



NATIONAL
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USDA, NASS, Kentucky Field Office
PO Box 1120
Louisville, Kentucky 40201-1120
(502) 582-5293 or 1-800-928-5277

KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
Univ. of Ky - Agr. Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

LELAND E. BROWN, Director

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AGRICULTURAL NEWS: Kentucky experienced above normal rainfall and temperatures last week. Four out of the last five weeks have been wetter than normal. The Bluegrass State has received nearly 7 inches of rainfall in the past 30 days. Rainfall for the past week totaled 1.27 inches statewide, 0.27 inches above normal. Most locations reported several (3 to 5) days with temperatures in the 90s with the west topping out in the upper 90s. Temperatures averaged 79 degrees, 2 degrees warmer than normal, and 2 degrees warmer than the previous week. **Topsoil moisture** was rated 2 percent very short, 12 percent short, 78 percent adequate and 8 percent surplus. **Subsoil moisture** was rated 1 very short, 10 percent short, 83 percent adequate and 6 percent surplus. Days suitable for fieldwork averaged 5.4 out of a possible 7. Major farming activities included baling hay.

ROW CROPS: **Corn** tasseling was 63 percent complete as of Sunday July 17, compared to 84 percent for the previous year. Corn silking was 45 percent complete by the end of the week, compared with 79 percent last year and the five year average of 69 percent. Corn milking was 11 percent, compared with 44 percent last year and the five year average of 27 percent. Corn condition was rated 1 percent very poor, 1 percent poor, 18 percent fair, 51 percent good, and 29 percent excellent. **Soybeans** blooming was 30 percent complete, behind last year's 65 percent and the five year average of 42 percent. The soybean conditions were rated as 2 percent poor, 20 percent fair, 58 percent good, and 20 percent excellent.

TOBACCO: Tobacco set condition was 1 percent very poor, 4 percent poor, 26 percent fair, 51 percent good, and 18 percent excellent. Dark tobacco blooming was 34 percent, behind last year's 58

percent and the five year average at 37 percent. Burley tobacco blooming was 14 percent, behind previous year's 38 percent and five year average at 21 percent. Disease pressure is being reported in some tobacco fields.

OTHER CROPS AND PASTURE: **Pasture** conditions improved slightly with 1 percent reported as very poor, 4 percent poor, 26 percent fair, 57 percent good, and 12 percent excellent. **Hay** condition was 1 percent very poor, 5 percent poor, 28 percent fair, 53 percent good, and 13 percent excellent.

CROP PROGRESS for week ending 07/17/11

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Silking	45	27	79	69
Corn Milked	11	NA	44	27
Soybeans Blooming	30	17	65	42
Burley Tobacco Blooming	14	NA	38	21
Dark Tobacco Blooming	34	NA	58	37

SOIL MOISTURE for week ending 07/17/11

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	2	12	78	8
Subsoil	1	10	83	6

CROP CONDITIONS for week ending 07/17/11

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Corn	1	1	18	51	29
Soybeans	0	2	20	58	20
Pasture	1	4	26	57	12
Hay Crops	1	5	28	53	13
Tobacco Set	1	4	26	51	18

KENTUCKY WEATHER SUMMARY, JULY 11 - 17, 2011:

Above Normal Temperatures and Above Normal Rainfall:

Above normal rainfall and temperatures for the second week and 4 out of the last 5 weeks have been wetter than normal. And, while there are scattered holes in the rainfall pattern received, especially in the far northern part of the state, for the most part the state is wet and lush. The Bluegrass state has received nearly 7 inches of rainfall in the past 30 days. Most locations reported several (3 to 5) days with temperatures in the 90s with the west topping out in the upper 90s. Dewpoint temperatures hit record highs in the low 80s at the beginning of the work week adding extreme humidity to the hazy, hot summer weather, uncomfortable outdoor working conditions and livestock heat stress in the emergency levels.

Temperatures for the period averaged 79 degrees across the state which was 2 degrees warmer than normal and 2 degrees warmer than the previous period. High temperatures averaged from 91 in the West to 85 in the East. Departure from normal high temperatures ranged from 1 degree warmer than normal in the West to 2 degrees cooler than normal in the East. Low temperatures averaged from 73 degrees in the West to 68 degrees in the East. Departure from normal low temperature ranged from 5 degrees warmer than normal in the West to 5 degrees warmer than normal in the East. The extreme high temperature for the period was 99 degrees at Cape Girardeau ASOS and the extreme low was 58 degrees at Vanceburg 6W.

Rainfall for the past week totaled 1.27 inches statewide which was 0.27 inches above normal and 127% of normal. Rainfall totals by climate division, West 1.02 inches, Central 1.10 inches, Bluegrass 1.08 inches and East 1.87 inches, which was 0.04, 0.09, 0.10 and 0.84 inches above normal. By station, rainfall totals ranged from a low of 0.00 inches at Carrollton 2E to a high of 3.76 inches at Maysville 3SW.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, JULY 17, 7:00 P.M.

	Rainfall			Dev. From		Air Temperature				Growing Degree Days			
	=====			=====		=====				=====			
Weather Station	Since Last		Norm Four Wks.	Norm Since Last		Dev. Wkly. From			Since Dev.				
	Week	April 1		Apr 1	4 Wks.	Hi	Lo	Avg. Norm		Last Week	Apr 1		
=====													
	(Inches)			(Degrees F)									
Bardstown	1.50	32.14	3.32	+17.39	-0.76	94	64	78.4	+2	188	2006	+173	
Berea	1.07	22.48	5.53	+7.04	+1.66	93	64	77.1	+2	181	1878	-3	
Bowling Gree	0.53	27.02	5.73	+10.99	+1.60	98	70	83.1	+7	209	2205	+294	
Bristol	0.23	14.33	1.88	+1.22	-1.79	95	68	80.4	+5	196	2061	+336	
Buckhorn Lak	2.96	27.51	7.26	+12.85	+3.08	95	65	76.6	+1	177	1820	+172	
Cape Girarde	1.07	35.01	2.99	+19.98	-0.22	99	71	84.2	+6	214	2160	+154	
Campbellsvil	0.38	23.97	2.01	+6.94	-2.46	94	66	78.7	+3	192	1951	+100	
Covington	0.02	30.56	4.02	+16.36	+0.29	96	65	79.9	+4	194	1863	+181	
Cumberland G	0.99	21.63	3.97	+5.59	-0.48	93	65	76.9	+1	183	1994	+299	
Dix Dam	1.80	23.78	3.29	+8.43	-0.78	95	64	79.1	+4	192	1940	+107	
Evansville	2.33	32.80	8.25	+18.32	+4.75	99	68	82.4	+4	204	2089	+191	
Glasgow	1.38	23.63	4.60	+6.51	+0.00	94	70	80.4	+4	200	2072	+251	
Grayson	3.54	28.16	9.31	+13.76	+5.24	93	64	76.6	+1	180	1820	+233	
Hardinsburg	0.84	34.59	5.86	+19.00	+1.85	95	66	79.6	+3	195	1993	+82	
Henderson	0.78	30.27	6.97	+15.43	+3.34	95	67	80.2	+2	198	2079	+151	
Huntington	0.06	22.18	2.35	+7.92	-1.71	95	62	79.9	+4	194	2028	+316	
Jackson	3.38	27.62	8.25	+12.34	+3.97	91	65	75.4	-0	173	1943	+295	
Lexington	1.36	26.06	4.43	+11.31	+0.35	94	65	78.4	+3	187	1891	+179	
London	1.35	24.40	5.15	+9.99	+1.21	92	66	77.1	+2	184	1945	+250	
Louisville	1.05	30.45	5.64	+15.67	+1.90	97	69	82.6	+6	207	2221	+323	
Mayfield	0.08	27.08	4.56	+11.19	+0.86	95	69	80.7	+3	200	2166	+194	
Nashville	0.00	18.81	4.17	+3.81	+0.68	100	68	84.1	+8	211	2153	+117	
Nolin Lake	1.83	33.07	5.27	+16.37	+1.06	95	68	80.3	+4	198	1985	+229	
Paducah	1.21	33.32	5.68	+17.02	+1.90	97	70	82.6	+5	207	2196	+207	
Princeton	0.89	29.40	3.74	+13.44	-0.02	96	69	81.2	+3	202	2117	+159	
Quicksand	3.08	25.46	5.20	+10.18	+0.92	93	64	76.2	+1	176	1926	+278	
Somerset	0.11	22.35	3.06	+6.01	-1.18	94	65	77.5	+2	186	1895	+109	
Spindletop	1.40	26.29	5.50	+11.54	+1.42	94	64	78.9	+3	190	1881	+169	
Williamstown	0.97	27.31	3.01	+12.50	-0.86	94	63	78.1	+3	187	1827	+115	